

γ -Oryzanol

Chemical Properties

CAS No. :	11042-64-1
Formula:	C40H58O4
Molecular Weight:	602.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	γ -Oryzanol (Gamma-Oryzanol) is a natural nutrient extract isolated from rice bran oil that contains a mixture of sterols and ferulic acids, which may aid in the destruction of free radicals in the skin. It has recently been researched for its ability to slow the progress of melanin pigmentation by intercepting the ultraviolet rays at the skin's surface and hindering their transmission.
Targets(IC50)	DNA Methyltransferase

Solubility Information

Solubility	DMSO: 16.67 mg/mL (27.64 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6586 mL	8.2932 mL	16.5865 mL
5 mM	0.3317 mL	1.6586 mL	3.3173 mL
10 mM	0.1659 mL	0.8293 mL	1.6586 mL
50 mM	0.0332 mL	0.1659 mL	0.3317 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Rao YP, et al. Biochem Biophys Res Commun. 2016 Oct 28;479(4):747-752.

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